

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| L1 | 1 | (vector\$3 near4 (linear adj1 combinat\$3)) near6 matrix near5 (simpl\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:01 |
| L2 | 31517 | (vector\$3 near4 (linear adj1 combinat\$3)) nea8 matrix with (simpl\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:01 |
| L3 | 1 | (vector\$3 near4 (linear adj1 combinat\$3)) near8 matrix with (simpl\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:01 |
| L4 | 1 | (vector\$3 near4 (linear adj1 combinat\$3)) with matrix with (simpl\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:01 |
| L5 | 5 | (vector\$3 near8 (linear adj1 combinat\$3)) with matrix with (simpl\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:02 |
| L6 | 21 | (vector\$3 near4 (linear)) with matrix with (simpl\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:02 |
| L7 | 142 | (vector\$3 near4 (linear adj1 combinat\$3)) with matrix | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:03 |
| L8 | 87 | (vector\$3 near4 (linear adj1 combinat\$3)) near5 matrix | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:03 |
| L9 | 0 | ((vector\$3 near4 (linear adj1 combinat\$3)) near5 matrix) near5 (advantage\$1 or benefit\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:03 |

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| L10 | 0 | ((vector\$3 near4 (linear adj1 combinat\$3)) near5 matrix) with (advantage\$1 or benefit\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:03 |
| L11 | 87 | ((vector\$3 near4 (linear adj1 combinat\$3)) near5 matrix) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 12:41 |
| L12 | 1 | ((vector\$3 near4 (linear adj1 combinat\$3)) near5 matrix) same simpl\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:06 |
| L13 | 0 | ((vector\$3 near4 (linear adj1 combinat\$3)) near5 matrix) same fast | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:07 |
| L15 | 1 | ((vector\$3 near4 (linear adj1 combinat\$3)) near5 matrix) same cost | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:07 |
| L16 | 1 | ((vector\$3 near4 (linear adj1 combinat\$3)) near5 matrix) with (reduc\$3 or decreas\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:08 |
| L17 | 1 | ((vector\$3 near4 (linear adj1 combinat\$3)) with matrix) with (reduc\$3 or decreas\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:08 |
| L18 | 2 | ((vector\$3 near7 (linear adj1 combinat\$3)) with matrix) with (reduc\$3 or decreas\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:09 |
| L19 | 5 | ((vector\$3 near7 (linear adj1 combinat\$3)) with matrix) with (cost or fast\$2 or simpl\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:10 |
| L20 | 32 | ((vector\$3 near7 (linear adj1 combinat\$3))) with (simpl\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:16 |

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| L21 | 22 | ((vector\$3 near7 (linear adj1 combinat\$3))) with (reduc\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:19 |
| L22 | 105 | ((vector\$3 near7 (linear adj1 combinat\$3))) near5 matrix | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 11:30 |
| L24 | 60 | ((vector\$3 near7 (linear adj1 combinat\$3))) with matrix) and interference | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 12:39 |
| L25 | 1 | ("20050088749").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/02 12:23 |
| L26 | 0 | (2005/0024612).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/02 12:23 |
| L27 | 1 | ("20050024612").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/02 12:26 |
| L28 | 1 | ("20060098876").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/02 12:27 |
| L29 | 0 | ("2005023441").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/02 12:27 |
| L30 | 0 | (interferene near3 vector\$1) with left with right with (combin\$3 or add\$3 or sum\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 12:40 |
| L31 | 0 | (interferene near3 vector\$1) with left with right | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 12:40 |
| L32 | 0 | ((interferene near3 vector\$1) with left) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 12:40 |

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| L33 | 11 | ((interference near3 vector\$1) with left) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 12:40 |
| L34 | 8 | (interference near3 vector\$1) with left with right | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 12:41 |
| L35 | 13 | (vector\$1 near3 (linear adj1 combination)) near8 (reduc\$3 or decreas\$3 or facilitat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 12:48 |
| L36 | 4 | (combined adj1 interference adj1 vector) with matrix | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 12:54 |
| L37 | 7 | (combined adj1 interference adj1 vector) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 13:08 |
| L38 | 15 | (combin\$3 adj3 interference adj1 vector) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 13:16 |
| L39 | 63 | ((linear adj1 combination\$1) near4 vector\$1) and (interference near3 vector\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 13:17 |
| L40 | 35 | ((linear adj1 combination\$1) near4 vector\$1) and (interference near2 vector\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 13:47 |
| L41 | 4 | "6975666" and (interference with matrix) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 13:53 |
| L42 | 1 | "6975666" and ((total adj1 interference adj1 vector) with matrix) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 15:04 |

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| L43 | 267 | (interference adj1 vector\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 14:00 |
| L44 | 33 | "6175587" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 15:07 |
| L45 | 5 | "6175587" and (multipath with demodulat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 15:25 |
| L46 | 1 | "6175587" and (search\$3 with demodulat\$3 with assign\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/02 15:25 |
| S1 | 1 | ("5892774").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/11 10:35 |
| S3 | 36 | (finger\$1 adj1 demodulator\$1) SAME rake | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/11 10:44 |
| S4 | 129 | (finger\$1 near1 demodulator\$1) SAME rake | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/11 10:45 |
| S5 | 0 | (finger\$1 near1 demodulator\$1) and rake and (finger or demodulat\$3) near3 (select\$3 near4 (signal\$1 with code\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/11 10:46 |
| S6 | 37 | (finger\$1 near1 demodulator\$1) and rake and (finger or demodulat\$3) near3 (select\$3 near4 (signal\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/11 10:46 |
| S7 | 7 | (finger\$1 near1 demodulator\$1) and rake and (finger or demodulat\$3) near3 (select\$3 near4 (signal\$1)) same code\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/11 11:02 |

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| S8 | 5 | (finger\$1 near1 demodulator\$1) and rake and (finger or demodulat\$3) near3 (select\$3 near4 (signal\$1)) same code\$1 and (interference near2 (cancel\$3 or suppress\$3 or remov\$3 or reduc\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/11 12:39 |
| S9 | 1 | ("6175587").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/11 12:40 |
| S10 | 0 | ("(rfnear3front\$1end)withreceiv\$3").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/11 12:40 |
| S11 | 783 | (rf near3 front\$1end) with receiv\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/11 12:41 |
| S12 | 34 | (rf near3 analog near3 front\$1end) with receiv\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/28 10:52 |
| S13 | 0 | (matrix with (transpose near2 matrix)) with (cancelation adj1 operat\$3) same (reduc\$3 near2 (energy or power)) and receiver | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/11 12:46 |
| S14 | 0 | (matrix with (transpose near2 matrix)) same (cancelation adj1 operat\$3) same (reduc\$3 near2 (energy or power)) and receiver | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/11 12:58 |
| S15 | 58 | (matrix with interference) and (interference near3 (amplitude or magnitude)) and cdma | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/11 13:04 |
| S16 | 28 | (matrix with interference) and (interference near3 (amplitude or magnitude)) and cdma and (matrix near5 (pn or code\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/11 14:18 |
| S17 | 1 | ("20030072390").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/11 15:14 |

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| S21 | 10 | "6175587" and (matrix with code\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/13 15:22 |
| S22 | 4 | "6175587" and (rank\$3 with matrix) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/13 15:25 |
| S23 | 7 | (interference adj1 vector\$1) with (amplitude\$1 or magnitude\$1) with (code\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/13 15:44 |
| S24 | 1 | ("5892774").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/13 15:44 |
| S25 | 0 | ("((interferencenear3matrix)same(interferenceadj1vector\$1))and(demodulat\$3)").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/27 14:15 |
| S26 | 26 | ((interference near3 matrix) same (interference adj1 vector\$1)) and (demodulat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/27 14:16 |
| S27 | 4 | ((interference near3 matrix) same (interference adj1 vector\$1) same linear) and (demodulat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/27 15:11 |
| S28 | 15 | (ofdm or dmt or (multi\$1carrier)) with ((doppler adj1 frequency) with delay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/27 15:19 |
| S29 | 28 | (ofdm or dmt or (multi\$1carrier)) same ((doppler adj1 frequency) with delay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/27 15:49 |
| S42 | 1 | ("6175587").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/27 15:49 |
| S43 | 1 | ("5774562").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/28 10:57 |

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| S44 | 1 | ("6285709").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/28 11:16 |
| S45 | 63 | ((subtract\$3 or difference or compar\$3) near3 output near3 (filter\$1 or equalizer\$1) near7 (error)) same ((updat\$3 or adjust\$4) near3 (coefficient\$1 or tap\$1) near3 (filter or equaliz\$3) near7 error) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/28 11:19 |
| S47 | 177 | ((subtract\$3 or difference or compar\$3) near3 output near3 (filter\$1 or equalizer\$1) near7 error) and ((updat\$3 or adjust\$4) near3 (coefficient\$1 or tap\$1) near3 (filter or equaliz\$3) near7 error) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/28 11:21 |
| S48 | 8 | (interference adj1 vector\$1) near8 (linear adj1 combination) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 12:46 |
| S49 | 1 | ("20040146093").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/01 12:01 |
| S50 | 10 | (interference adj1 vector\$1) same ((linear adj1 combination) near3 vector\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 18:10 |
| S51 | 16 | (composite adj1 interference adj1 vector) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 18:16 |
| S52 | 2 | (composite adj1 interference adj1 vector) with (linear adj1 combination) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 18:17 |
| S53 | 8 | (composite adj1 interference adj1 vector) and (linear adj1 combination) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 18:28 |
| S54 | 1 | ("6175587").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/01 18:47 |

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| S55 | 0 | ("2003005524").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/01 18:48 |
| S56 | 1 | ("20030053524").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/01 18:52 |
| S57 | 8 | ((combin\$3 or sum\$4 or add\$3) near3 (interference adj1 vector\$1)) with matrix | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 18:58 |
| S58 | 28 | ((combin\$3 or sum\$4 or add\$3) near3 (interference adj1 vector\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 18:58 |
| S59 | 13 | ((combin\$3 or sum\$4 or add\$3) near3 (interference adj1 vector\$1)) same matrix | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 19:01 |
| S60 | 11 | ((combin\$3 or sum\$4 or add\$3) near3 (interference near2 vector\$1)) same (matrix near3 interference) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 19:03 |
| S61 | 20 | ((combin\$3 or sum\$4 or add\$3) near3 (interference near2 vector\$1)) and (matrix near3 interference) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 19:03 |
| S62 | 15 | ((combin\$3 or sum\$4 or add\$3) near3 (interference near2 vector\$1)) and ((matrix near3 interference) near8 vector\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 19:05 |
| S63 | 38 | (interference near2 matrix) with (linear) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 19:05 |
| S64 | 15 | (interference near2 matrix) near6 (linear) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 19:53 |
| S65 | 1 | ("6175587").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/01 19:56 |

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| S66 | 2 | (madhow with left with right) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 19:57 |
| S67 | 28 | (combin\$3 near3 interference near2 vector\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/01 19:57 |